

Committee on Earth Observation Satellites
17th Plenary Meeting
Colorado Springs, Colorado
November 13

CEOS/17/IGOS

Item 13.1

Submitted by Chu Ishida, JAXA

Proposal for the IGOS International Workshop

SUMMARY AND PURPOSE

IGOS Theme papers for Carbon, Water and GeoHazards are being completed and moving into an implementation phase. The ad hoc Group on Earth Observations (GEO) is developing a 10 year implementation plan for a comprehensive, coordinated and sustained Earth observation system(s).

This document describes the proposal for an IGOS International Workshop, February 4 to 6, 2004 in Tokyo. The objectives of the workshop are to:

1) gather key international and national players of IGOS, 2) provide an update on the IGOS Themes, GEO activities and other relevant initiatives, 3) consider how the IGOS Themes can be implemented and generate recommendations for next 10 years.

*Asia-Pacific Water Cycle workshop will be held for February 2 to 4.

ACTION PROPOSED

The 17th Plenary meeting is recommended to:

- Recognize that IGOS represents a unique opportunity to move into an implementation phase and contribute to the GEO 10 year implementation plan for a comprehensive, coordinated and sustained Earth observation system(s);
- Endorse the proposal for an IGOS International Workshop to be held on February 4 to 6, 2004 in Tokyo;
- Encourage all CEOS and IGOS members to participate in the IGOS International Workshop;

Proposal for IGOS International Workshop

**- Towards the implementation of an Integrated Global Observing Strategy (IGOS) -
February 4-6, 2004, Tokyo**

1. Needs for the IGOS International Workshop

IGOS-P is completing the IGOS Theme reports for Ocean, Integrated Global Carbon Observation, Integrated Global Water Cycle Observation, Geo-hazards, Integrated Global Atmospheric Chemistry Observation and Coastal. In parallel, the ad hoc Group on the Earth Observations (GEO), established by the Earth observation Summit on July 31, 2003, is developing a 10 year implementation plan for a comprehensive, coordinated and sustained Earth observation system(s).

Domestically in Japan, the Council for Science and Technology Policy (CSTP) is formulating Japanese Earth observation strategies and implementation plans for the Global Warming research initiative and the Global Water Cycle research initiative.

It is timely to assemble those IGOS related organizations, ministries, agencies, researchers and users in order to review these international and national Earth observation strategies so that they can consider steps to improved harmonization. They could also address issues central to observations and research related to global environmental issues. The discussion can hopefully result in recommendations as to how IGOS Themes can be implemented internationally and domestically. These recommendations can serve as a useful input to the GEO process of developing a 10 year implementation plan for future Earth observation system(s).

2. Objectives of the IGOS International Workshop

- (1) Gather key players of IGOS; in-situ agencies, space agencies, user institutes, researchers, ministries and policy makers;
- (2) Provide an update on the IGOS Themes, GEO activities and other relevant initiatives for global observations;
- (3) Consider how IGOS Themes can be implemented and generate recommendations .

3. Dates and venue

Date: February 4(Wed) to 6(Fri) (Workshop will begin in the afternoon of February 4 and ends in the evening of February 6)

Venue: Tokyo International Exchange Center
Odaiba, Tokyo, Japan

.Asia Pacific Water Cycle workshop, including GPM workshop, will be held for February 2 to 4.

4. Organizing agency and sponsor

Organizing agency: Japan Aerospace Exploration Agency (JAXA)

Sponsor: Ministry of Education, Sports, Culture, Science and Technology (MEXT)

5. Draft Agenda

Date	Subject
Feb 4 (Wed) PM Plenary session	<i>“Update on international and national initiatives for global observations”</i> Session chair: Prof. Ogawa 1. Welcome and introduction (MEXT, JAXA) 2. Key note speech (IGOS-P representative: FAO or China) 3. International and national global observation strategies - GEO activities (MEXT) - Japanese Earth observation strategy (CSTP) 4. Global observation systems (GOS, GOOS, GTOS, GCOS) 5. International research programs (WCRP, IGBP) 6. Report on Asian Water Cycle workshop (Prof. Nakamura)
Feb 5 (Thu) AM/PM Sprinter sessions on IGOS Themes	<i>“Review of IGOS Themes papers and recommendations for their implementation”</i> Session co-chairs: Prof. Prof. Imawaki/TBD (Ocean), Prof. Yasuoka/TBD (Carbon), Prof. Nakamura/TBD (Water), Prof. Ogawa/TBD (Atmospheric chemistry), Dr. Okura/TBD (Geo-hazards) TBD: Non-Japanese co-chair 1. Report on IGOS Theme report 2. Report on related activities (by related domestic agencies and researchers) 3. Discussion on implementation of the IGOS Themes for next 10 years
Feb 6 (Fri) AM Sprinter sessions on cross-cut issues	<i>“Cross-cutting issues and recommendations for their solutions”</i> Session chairs: Data integration (Prof. Koike), International cooperation (TBD) Capacity building (Prof. Mushiake) 1. Report on related activities (by IGOS themes, related agencies and researchers) 2. Generation of recommendations for next 10 years.
Feb 6 (Fri) PM Plenary session	<i>“Recommendations for IGOS implementations and GEO 10 year implementation plan”</i> Session chair: Prof. Ogawa 1. Report on sprinter sessions (IGOS themes) 2. Report on sprinter sessions (cross-cut ting issue) <i>Panel discussion “How can IGOS be implemented?”</i> Moderator: TBD

6. Invitations

All the IGOS-P and CEOS members are invited to attend the workshop !